



BLUEPRINT

C-BREEZE SMART COLLAR

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COMPANY'S LOGO



Figure 1 The logo consists of the silhouette of C-BREEZE from its frontal elevation with a snowflake symbol at the centre between its buds resembling the device's cooling ability. The logo is coloured a gradient black to bright blue promoting a breezy tone



CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

The team is developing a product, C-BREEZE, which is an air conditioner infused in a smart collar. C-BREEZE is a collar-cum-air-conditioning device used by attaching the device at the back of the neck for instant cooling. Conditioned air will be distributed through fins cooling parts of the body including the face area, the back of the body and the upper chest area. The C-BREEZE will also pre-functions as a neck massaging device and a scent emitter.

1.2 Purpose of development

The purposes of the development of C-BREEZE are:

- Alternative device for self cooling
- To reduce discomfort by cooling the user's body

1.3 Product Concept

A smart cooling device in a form of a sophisticated collar worn at the back of the neck of its user to distribute conditioned air at certain parts of the body to reduce discomfort.

1.4 Application

1.4.1 Product Functions

- **Mobile air-conditioner** - C-BREEZE consist of face breeze, body breeze and a rear breeze emitter to cool the various parts of the body.
- **Portable massager** - the vibration transmitter is used for emitting controllable vibrations to slightly massage the neck for the user to stay fresh and awake when tired.
- **Odour emitter** - C-BREEZE comes with an odour emitting spray which sprays perfume of the user's choice. The scent is exchangeable by putting different smell cartridges into the device.